

6. The device (1) according to any of the claims 1 to 5, characterized in that in its opened position, the handle-like third housing part (2), which is arranged for holding the device (1) when it is closed and opened, is on the opposite side of the device (1) in relation to the inner walls (62, 92), extending in a direction which is perpendicular to said inner walls.

7. Device (1) according to any of the claims 1 to 6, characterized in that in its opened position, the inner walls (62, 92) are parallel and placed adjacent to each other to form a uniform inner wall.

8. Device (1) according to any of the claims 1 to 7, characterized in that one of the housing parts (2, 6, 9) is provided with electronic image sensor means for still and/or video images.

9. A device (1) according to claim 8, characterized in that the electronic image sensor means comprise a turnable camera arm (18) extending from the third housing part (2) in between the first and the second housing parts (6, 9), provided with a space (34, 35) and a transparent housing (32, 33) for the camera arm (18) and to protect it.

10. A device (1) according to any of the claims 1 to 9, characterized in that the hinge mechanism (36) comprises a hinge system (39) arranged for folding the first and the second housing parts (6, 9) in relation to each other and the third housing part (2), an ejector mechanism (37) arranged to eject the first and the second housing parts (6, 9) wholly and the hinge system (39) partly from the third housing part (2), and an unfolding mechanism (38) arranged to assist in the opening of the first and the second housing parts (6, 9).

11. Device (1) according to any of the claims 1 to 10, characterized in that the first and the second housing parts

(6, 9) are arranged to turn around such a joint rotation axis (C) which is placed between said housing parts (6, 9) and in the same plane with their inner walls (62, 92).

12. Device (1) according to any of the claims 1 to 11, characterized in that it is a communication device comprising at least a CMT user interface which is available in the closed position of the device (1), and at least a PDA user interface which is available in the opened position of the device (1).

13. Hinge mechanism for a portable, foldable electronic device (1) comprising two or more positions and comprising at least three housing parts (2, 6, 9) foldable in relation to each other, wherein the hinge mechanism (36) comprises a hinge system (39), which is arranged to couple the first and second housing parts (6, 9) and to fold them in relation to each other, characterized in that the hinge system (39) is also arranged to couple the first and second housing parts (6, 9) to the third housing part (2) in a foldable manner by means of said hinge system (39), and that the hinge mechanism (36) also comprises an ejector mechanism (37) arranged for moving said hinge system (39) in relation to the third housing part (2), and an unfolding mechanism (38), arranged to assist in the opening of the first and the second housing parts (6, 9).

14. A hinge mechanism (36) according to claim 13, characterized in that the ejector mechanism (37) is arranged to eject the first and the second housing parts (6, 9) fully out of the third housing part (2) and to eject the hinge system (39) partly out of the third housing part (2).

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